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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/803,432	03/09/2001	Margaret Therese Kelliher	RD-27,942	6951

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EXAMINER	
LY, ANH	

ART UNIT	PAPER NUMBER
2162	

DATE MAILED: 01/25/2005

Please find below and/or attached an Office communication concerning this application or proceeding.

Office Action Summary	Application No.	Applicant(s)	
	09/803,432	KELLIHER ET AL.	
	Examiner	Art Unit	
	Anh Ly	2162	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

1)☒ Responsive to communication(s) filed on *05 October 2004*.

2a)☐ This action is **FINAL**. 2b)☒ This action is non-final.

3)☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

4)☒ Claim(s) *1-22* is/are pending in the application.

4a) Of the above claim(s) _____ is/are withdrawn from consideration.

5)☐ Claim(s) _____ is/are allowed.

6)☒ Claim(s) *1-22* is/are rejected.

7)☐ Claim(s) _____ is/are objected to.

8)☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

9)☐ The specification is objected to by the Examiner.

10)☒ The drawing(s) filed on *09 March 2001* is/are: a)☒ accepted or b)☐ objected to by the Examiner.

Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).

Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).

11)☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

12)☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).

a)☐ All b)☐ Some * c)☐ None of:

1.☐ Certified copies of the priority documents have been received.

2.☐ Certified copies of the priority documents have been received in Application No. _____.

3.☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

1) ☒ Notice of References Cited (PTO-892)
2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
3) ☐ Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08) Paper No(s)/Mail Date _____.
4) ☐ Interview Summary (PTO-413) Paper No(s)/Mail Date. _____ .
5) ☐ Notice of Informal Patent Application (PTO-152)
6) ☐ Other: _____.

DETAILED ACTION

1. This Office Action is response to Applicants Response filed on 10/05/2004.

2. Claims 1-22 are pending in this Application.

Claim Rejections - 35 USC § 103

3. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

> (a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negatived by the manner in which the invention was made.

4. This application currently names joint inventors. In considering patentability of the claims under 35 U.S.C. 103(a), the examiner presumes that the subject matter of the various claims was commonly owned at the time any inventions covered therein were made absent any evidence to the contrary. Applicant is advised of the obligation under 37 CFR 1.56 to point out the inventor and invention dates of each claim that was not commonly owned at the time a later invention was made in order for the examiner to consider the applicability of 35 U.S.C. 103(c) and potential 35 U.S.C. 102(e), (f) or (g) prior art under 35 U.S.C. 103(a).

5. Claims 1-22 are rejected under 35 U.S.C. 103(a) as being unpatentable over US Patent No 6,466,940 issued to Mills in view of US Patent No. 6,546,387 issued to Triggs.

With respect to claim 1, Mills teaches adding an HTML keyword to the HTML document (adding new elements to HTML document: col. 5, lines 8-20 and lines 32-42; col. 8, lines 58-67 and col. 9, lines 1-25);

calling a search engine to execute the activated search and produce a search result wherein the search result identifiers a link to the HTML document in the directory containing the HTML keyword (searching with the search engine attached to the server and searching the text of the service classification held in the database: col. 14 and col. 22, lines 35-67); and

creating an up-to-date web page for the respective one of the plurality of categories of information from the search result wherein the up-to-date web page includes the link to the HTML documents containing the HTML keyword (an up-to-date web page including the hyperlink to the HTML document with the keyword: col. 19, lines 35-64, , col. 8, lines 58-67 and col. 9, lines 1-25 and abstract).

Mills teaches automatically and dynamically creating a Web page or HTML of an organization directory for use over the Internet network and storing them in the database with some categories and for display the data that is used to automatically update the databases. Mills does not explicitly teaches the HTML keyword represents the respective one of the plurality of categories of information, uploading the HTML and activating the search in the directory.

However, Triggs teaches wherein the HTML keyword represents the respective one of the plurality of categories of information (keyword of the hierarchical of categories: col. 9, lines 36-62 and col. 10, lines 58-67 and col. 11, lines 1-11); uploading the HTML document (col. 4, lines 38-42); activating a search in the directory when the respective one of the plurality of categories of information is selected (the searching of directory: col. 3, lines 42-50 and col. 4, lines 14-60).

Therefore, it would have been obvious to a person of ordinary skill in the art at the time the invention was made to combine the teachings of Mills with the teachings of Triggs by incorporating the use of keyword of HTML document for representing a plurality of categories as disclosed by Triggs (col. 9, lines 36-62). The motivation being to provide a means to add HTML to web site without creating a new web page and without using a database.

With respect to claims 2-3, Mills teaches a method for adding an HTML as discussed in claim 1.

Mills teaches automatically and dynamically creating a Web page or HTML of an organization directory for use over the Internet network and storing them in the database with some categories and for display the data that is used to automatically update the databases. Mills does not explicitly teaches activating the search in the directory and returning the dynamically created HTML document to a user of the web site.

However, Triggs teaches activating a search in the directory when the respective one of the plurality of categories of information is selected (the searching of directory:

col. 3, lines 42-50 and col. 4, lines 14-60) and returning the HTML document (col. 11, lines 5-11).

Therefore, it would have been obvious to a person of ordinary skill in the art at the time the invention was made to combine the teachings of Mills with the teachings of Triggs by incorporating the use of keyword of HTML document for representing a plurality of categories as disclosed by Triggs (col. 9, lines 36-62). The motivation being to provide a means to add HTML to web site without creating a new web page and without using a database.

With respect to claims 4-5, Mills teaches wherein the HTML keyword is added to the HTML header, and wherein the HTML keyword is added to the metatag field of the HTML header (col. 22, lines 48-67).

With respect to claims 6-7, Mills teaches a method for adding an HTML as discussed in claim 1.

Mills teaches automatically and dynamically creating a Web page or HTML of an organization directory for use over the Internet network and storing them in the database with some categories and for display the data that is used to automatically update the databases. Mills does not explicitly teaches the plurality of categories information.

However, Triggs teaches activating a search in the directory when the respective one of the plurality of categories of information is selected (the searching of directory: col. 3, lines 42-50 and col. 4, lines 14-60).

Therefore, it would have been obvious to a person of ordinary skill in the art at the time the invention was made to combine the teachings of Mills with the teachings of Triggs by incorporating the use of keyword of HTML document for representing a plurality of categories as disclosed by Triggs (col. 9, lines 36-62). The motivation being to provide a means to add HTML to web site without creating a new web page and without using a database.

With respect to claim 8, Mills teaches adding an HTML keyword to the HTML document (adding new elements to HTML document: col. 5, lines 8-20 and lines 32-42; col. 8, lines 58-67 and col. 9, lines 1-25);

calling a search engine to execute the activated search and produce a search result wherein the search result identifiers a link to the HTML document in the directory containing the HTML keyword (searching with the search engine attached to the server and searching the text of the service classification held in the database: col. 14 and col. 22, lines 35-67); and

creating an up-to-date web page for the respective one of the plurality of categories of information from the search result wherein the up-to-date web page includes each respective link to each of the at least one searchable HTML documents containing the HTML keyword (an up-to-date web page including the hyperlink to the HTML document with the keyword: col. 19, lines 35-64, , col. 8, lines 58-67 and col. 9, lines 1-25 and abstract).

Mills teaches automatically and dynamically creating a Web page or HTML of an organization directory for use over the Internet network and storing them in the

database with some categories and for display the data that is used to automatically update the databases. Mills does not explicitly teaches the HTML keyword represents the respective one of the plurality of categories of information, uploading the HTML and activating the search in the directory.

However, Triggs teaches wherein the HTML keyword represents the respective one of the plurality of categories of information (keyword of the hierarchical of categories: col. 9, lines 36-62 and col. 10, lines 58-67 and col. 11, lines 1-11); uploading the HTML document (col. 4, lines 38-42); activating a search in the directory when the respective one of the plurality of categories of information is selected (the searching of directory: col. 3, lines 42-50 and col. 4, lines 14-60).

Therefore, it would have been obvious to a person of ordinary skill in the art at the time the invention was made to combine the teachings of Mills with the teachings of Triggs by incorporating the use of keyword of HTML document for representing a plurality of categories as disclosed by Triggs (col. 9, lines 36-62). The motivation being to provide a means to add HTML to web site without creating a new web page and without using a database.

With respect to claims 9-10, Mills teaches a method for adding an HTML as discussed in claim 8.

Mills teaches automatically and dynamically creating a Web page or HTML of an organization directory for use over the Internet network and storing them in the database with some categories and for display the data that is used to automatically update the databases. Mills does not explicitly teaches activating the search in the

directory and returning the dynamically created HTML document to a user of the web site.

However, Triggs teaches activating a search in the directory when the respective one of the plurality of categories of information is selected (the searching of directory: col. 3, lines 42-50 and col. 4, lines 14-60) and returning the HTML document (col. 11, lines 5-11).

Therefore, it would have been obvious to a person of ordinary skill in the art at the time the invention was made to combine the teachings of Mills with the teachings of Triggs by incorporating the use of keyword of HTML document for representing a plurality of categories as disclosed by Triggs (col. 9, lines 36-62). The motivation being to provide a means to add HTML to web site without creating a new web page and without using a database.

With respect to claims 11-12, Mills teaches wherein the HTML keyword is added to the HTML header, and wherein the HTML keyword is added to the metatag field of the HTML header (col. 22, lines 48-67).

With respect to claims 13-14, Mills teaches a method for adding an HTML as discussed in claim 8.

Mills teaches automatically and dynamically creating a Web page or HTML of an organization directory for use over the Internet network and storing them in the database with some categories and for display the data that is used to automatically update the databases. Mills does not explicitly teaches the plurality of categories information.

However, Triggs teaches activating a search in the directory when the respective one of the plurality of categories of information is selected (the searching of directory: col. 3, lines 42-50 and col. 4, lines 14-60).

Therefore, it would have been obvious to a person of ordinary skill in the art at the time the invention was made to combine the teachings of Mills with the teachings of Triggs by incorporating the use of keyword of HTML document for representing a plurality of categories as disclosed by Triggs (col. 9, lines 36-62). The motivation being to provide a means to add HTML to web site without creating a new web page and without using a database.

With respect to claim 15, Mills teaches each of the plurality of searches being executed by a search engine (the search is executed by search engine being attached to the server for searching the text of the service of classifications held in the database: col. 2, lines 10-32, col. 14, lines 38-64 and col. 22, lines 35-45);

each of the plurality of directories for containing at least one searchable HTML document (a plurality of directories to be created for web pages directories for web page: col. 5, lines 45-61, col. 21, lines 60-67, col. 22, lines 35-67 and col. 23, lines 1-10);

creating at least one HTML document to be searched by the search engine using at least one of the plurality of searches and at least one assigned keyword wherein the at least one assigned keyword is included in an HTML header of the at least one HTML document (col. 4, lines 10-30, col. 8, lines 58-67 and col. 9, lines 1-25; col. 22, lines 3-67; the retrieved web page's title or header including the keyword or

search term in it: col. 10, lines 45-64, col. 16, lines 27-58 and col. 17, lines 1-48; also see col. 22, lines 35-67); and

creating a hypertext reference for providing the search engine with the at least one of the plurality of searches, the hypertext reference including an assigned keyword wherein the hypertext reference directs the search engine to search a respective directory (abstract, col. 11, lines 50-65 and col. 22, lines 67).

Mills teaches automatically and dynamically creating a Web page or HTML of an organization directory for use over the Internet network and storing them in the database with some categories and for display the data that is used to automatically update the databases. Mills does not explicitly teaches deciding on a plurality of categories of information to be displayed on a web site; a respective one of the plurality of categories of information.

However, Triggs teaches displaying or viewing the information with Web browser (col. 3, lines 18-35 and col. 6, lines 40-54); the respective one of the plurality of categories information (keyword of the hierarchical of categories: col. 9, lines 36-62 and col. 10, lines 58-67 and col. 11, lines 1-11); uploading the HTML document (col. 4, lines 38-42); activating a search in the directory when the respective one of the plurality of categories of information is selected (the searching of directory: col. 3, lines 42-50 and col. 4, lines 14-60) and activating a search in the directory when the respective one of the plurality of categories of information is selected (the searching of directory: col. 3, lines 42-50 and col. 4, lines 14-60).

Therefore, it would have been obvious to a person of ordinary skill in the art at the time the invention was made to combine the teachings of Mills with the teachings of Triggs by incorporating the use of keyword of HTML document for representing a plurality of categories as disclosed by Triggs (col. 9, lines 36-62). The motivation being to provide a means to add HTML to web site without creating a new web page and without using a database.

With respect to claims 16-20, Mills teaches a method as discussed in claim 15.

Mills teaches automatically and dynamically creating a Web page or HTML of an organization directory for use over the Internet network and storing them in the database with some categories and for display the data that is used to automatically update the databases. Mills does not explicitly teaches deciding on a plurality of categories of information to be displayed on a web site; a respective one of the plurality of categories of information.

However, Triggs teaches displaying or viewing the information with Web browser (col. 3, lines 18-35 and col. 6, lines 40-54); the respective one of the plurality of categories information (keyword of the hierarchical of categories: col. 9, lines 36-62 and col. 10, lines 58-67 and col. 11, lines 1-11); uploading the HTML document (col. 4, lines 38-42); activating a search in the directory when the respective one of the plurality of categories of information is selected (the searching of directory: col. 3, lines 42-50 and col. 4, lines 14-60) and activating a search in the directory when the respective one of the plurality of categories of information is selected (the searching of directory: col. 3, lines 42-50 and col. 4, lines 14-60).

Therefore, it would have been obvious to a person of ordinary skill in the art at the time the invention was made to combine the teachings of Mills with the teachings of Triggs by incorporating the use of keyword of HTML document for representing a plurality of categories as disclosed by Triggs (col. 9, lines 36-62). The motivation being to provide a means to add HTML to web site without creating a new web page and without using a database.

With respect to claim 21, Mills teaches wherein the assigned keyword is included in the metatag field of the I-ITML header of the at least one HTML document (the retrieved web page's title or header including the keyword or search term in it: col. 10, lines 45-64, col. 16, lines 27-58 and col. 17, lines 1-48; also see col. 22, lines 35-67).

With respect to claim 22, Mills teaches each of the plurality of searches being executed by a search engine (the search is executed by search engine being attached to the server for searching the text of the service of classifications held in the database: col. 2, lines 10-32, col. 14, lines 38-64 and col. 22, lines 35-45);

the directory containing at least one searchable HTML document (a plurality of directories to be created for web pages directories for web page: col. 5, lines 45-61, col. 21, lines 60-67, col. 22, lines 35-67 and col. 23, lines 1-10);

creating at least one HTML document to be searched by the search engine using at least one of the plurality of searches and at least one assigned keyword wherein the at least one assigned keyword is included in an HTML header of the at least one HTML document (col. 4, lines 10-30, col. 8, lines 58-67 and col. 9, lines 1-25; col. 22, lines 3-67; the retrieved web page's title or header including the keyword or

search term in it: col. 10, lines 45-64, col. 16, lines 27-58 and col. 17, lines 1-48; also see col. 22, lines 35-67); and

creating a hypertext reference for providing the search engine with the at least one of the plurality of searches, the hypertext reference including an assigned keyword wherein the hypertext reference directs the search engine to search a respective directory (abstract, col. 11, lines 50-65 and col. 22, lines 67).

Mills teaches automatically and dynamically creating a Web page or HTML of an organization directory for use over the Internet network and storing them in the database with some categories and for display the data that is used to automatically update the databases. Mills does not explicitly teaches deciding on a plurality of categories of information to be displayed on a web site; a respective one of the plurality of categories of information.

However, Triggs teaches displaying or viewing the information with Web browser (col. 3, lines 18-35 and col. 6, lines 40-54); the respective one of the plurality of categories information (keyword of the hierarchical of categories: col. 9, lines 36-62 and col. 10, lines 58-67 and col. 11, lines 1-11); uploading the HTML document (col. 4, lines 38-42); activating a search in the directory when the respective one of the plurality of categories of information is selected (the searching of directory: col. 3, lines 42-50 and col. 4, lines 14-60) and activating a search in the directory when the respective one of the plurality of categories of information is selected (the searching of directory: col. 3, lines 42-50 and col. 4, lines 14-60).

Therefore, it would have been obvious to a person of ordinary skill in the art at the time the invention was made to combine the teachings of Mills with the teachings of Triggs by incorporating the use of keyword of HTML document for representing a plurality of categories as disclosed by Triggs (col. 9, lines 36-62). The motivation being to provide a means to add HTML to web site without creating a new web page and without using a database.

Contact Information

6. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Anh Ly whose telephone number is (571) 272-4039 or via E-Mail: ANH.LY@USPTO.GOV **or fax to (571) 273-4039**. The examiner can normally be reached on TUESDAY – THURSDAY from 8:30 AM – 3:30 PM.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, John Breene, can be reached on (571) 272-4107 or Primary Examiner Jean Corrielus (571) 272-4032.

Any response to this action should be mailed to:

Commissioner of Patents and Trademarks

Washington, D.C. 20231

or faxed to: Central Fax Center (703) 872-9306

JEAN M. CORRIELUS
PRIMARY EXAMINER

ANH LY
JAN. 14th, 2005